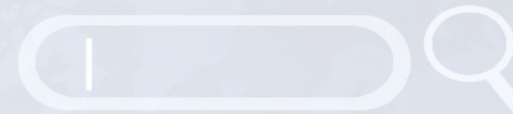


HEALTH DATA

surgery 0
clinical test
medications
blood pressure
lab test 52%
vaccination 82%
BMI normal

10-may-14




patient #08001

gender ♂
age 23
HR 95 bpm
120/60
ECHO D
CD PWR<500
Frq 2.0 MHz
1800 mm
100%

Transparency of AI/ML-enabled Medical Devices

Jessilyn Dunn, PhD

***BIG IDEAs Lab
Duke University***

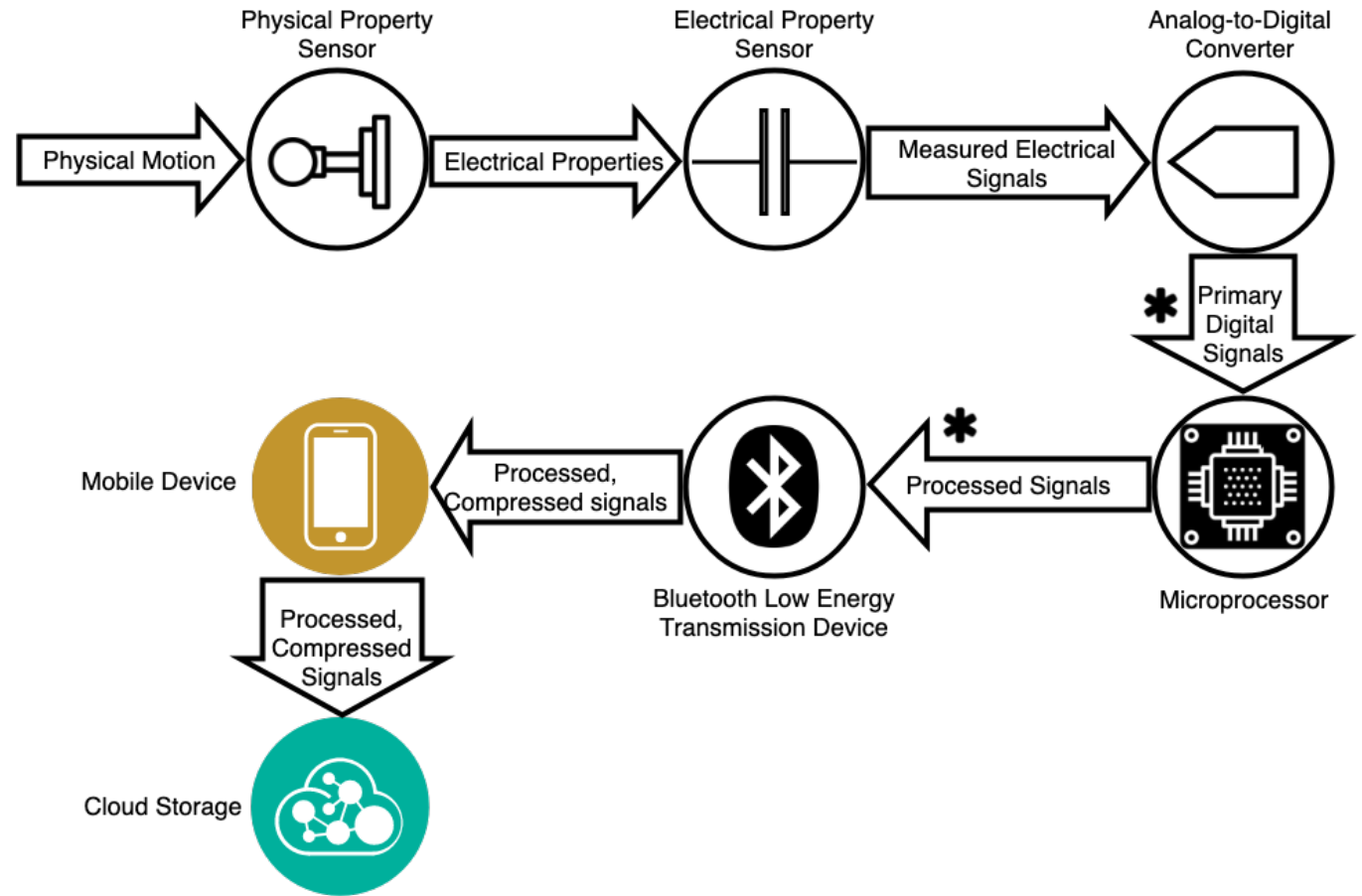
 @drjessilyn



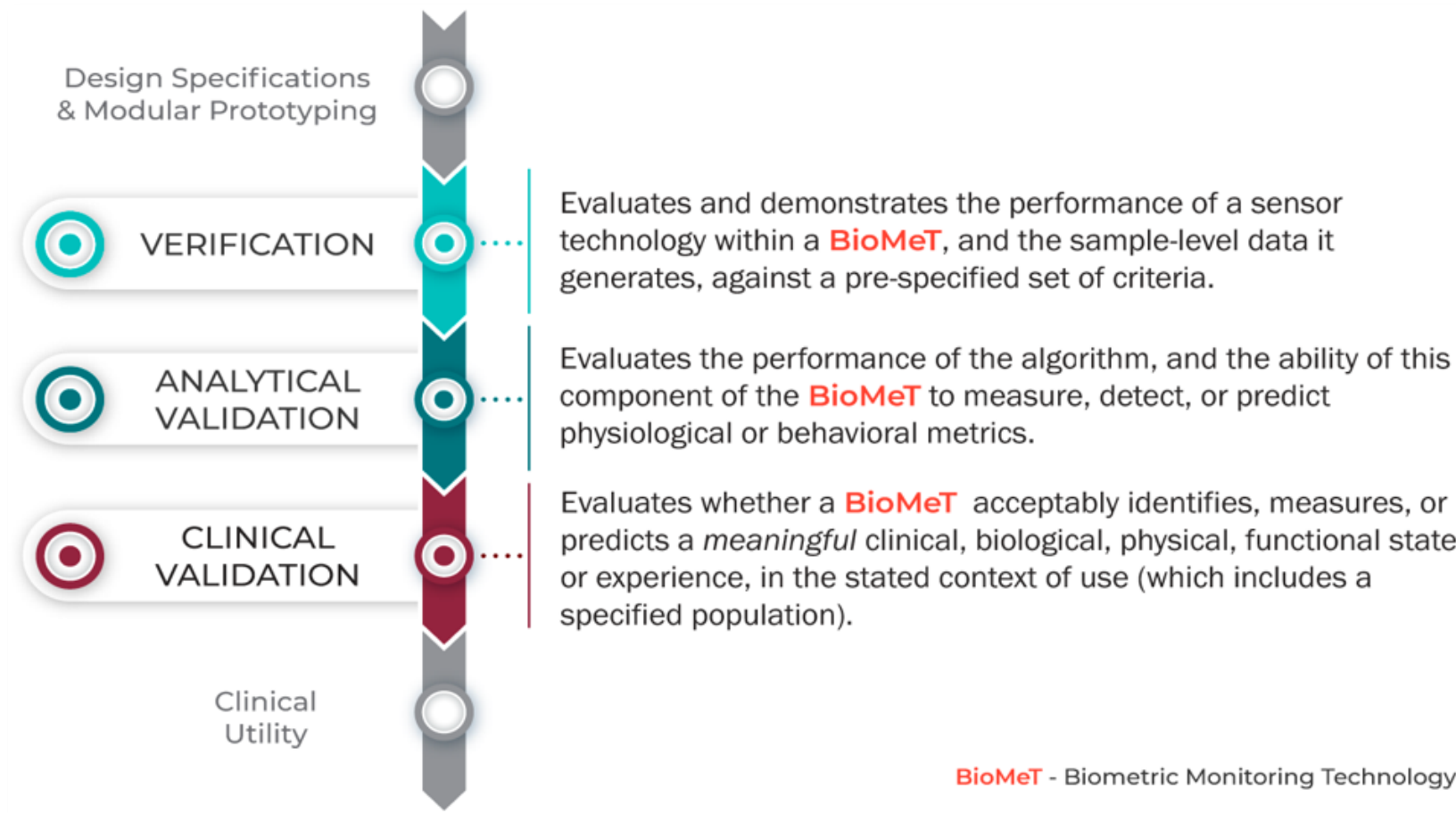
Wearables Sensors from an Engineering Perspective



The Data
“Supply Chain”



Modular Evaluation of Digital Measures



Goldsack J, Coravos A, Bakker J, Bent B, Dowling AV, Fitzer-Attas C, Godfrey A, Godino JG, Gujar N, Izmailova E, Manta C, Peterson B, Vandendressche BV, Wood WA, Wang KW, Dunn J. Verification, Analytical Validation, and Clinical Validation (V3): The Foundation of Determining Fit-for-Purpose for Biometric Monitoring Technologies (BioMeTs). NPJ Digital Medicine, 2020

Modular Evaluation of Digital Measures

